## **ABSTRACT**

An apparatus for creating an audio scene for an avatar in a virtual environment, the apparatus comprising: an audio processor operable to create a weighted audio stream that comprises audio from an object located in a portion of a hearing range of the avatar; and associating means operable to associate the weighted audio stream with a datum that represents a location of the portion of the hearing range in the virtual environment, wherein the weighted audio stream and the datum represent the audio scene.

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